

UNITED STATES PLANT PATENT APPLICATION

of

L. PERNILLE AND MOGENS N. OLESEN

for

FLORIBUNDA ROSE PLANT NAMED

'POULCS015'

SUMMARY OF THE INVENTION

BOTANICAL CLASSIFICATION

Rosa hybrida

VARIETY DENOMINATION

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'Poulcs015'

The present invention constitutes a new and distinct variety of garden rose plant which originated from a controlled crossing between the female parent plant named
10 'POULket' which is non-patented, and the male parent plant, an un-named seedling. The two parents were crossed during the summer of 1992 and the resulting seeds were planted in a controlled environment in Fredensborg, Denmark. The new variety is named 'Poulcs015'.

15 The new variety may be distinguished from its female seed parent, 'POULket' by the following combination of characteristics:

1. While the seed parent 'POULket' has dark pink flowers, while 'Poulcs015' has light
20 pink flowers.
2. 'POULket' has a less compact growth habit than that of 'Poulcs015'

The new variety may be distinguished from its male pollen parent by the following combination of
25 characteristics:

1. The pollen parent has a lower growing habit than 'Poulcs015'.

2. The pollen parent does not grow well on its own roots, while 'Poulcs015' flowers well and grows vigorously on its own roots.

The objective of the hybridization of this rose variety was to create a new and distinct variety for garden use with unique qualities, such as:

1. Uniform and abundant light pink flowers;

2. Vigorous, but compact growth when propagated both as a budded rose and on its own roots;

3. Disease resistance;

4. Continuous flowering.

This combination of qualities is not present in previously available commercial cultivars of this type, known to the inventors, and distinguish 'Poulcs015' from all other varieties of which we are aware.

As part of their rose development program, L. Pernille Olesen and Mogens N. Olesen germinated the seeds from the aforementioned hybridization during winter of 1992 and conducted evaluations on the resulting seedlings in a controlled environment in Fredensborg, Denmark.

'Poulcs015' was selected in the spring 1993 by the inventors as a single plant from the progeny of the

aforementioned hybridization.

Asexual reproduction of 'Poulcs015' by traditional budding and rooted cuttings was first done by L. Pernille and Mogens N. Olesen in their nursery in Fredensborg, Denmark in July, 1993. This initial and other subsequent asexual propagations conducted in controlled environments have demonstrated that the characteristics of 'Poulcs015' are true to type and are transmitted from one generation to the next.

BRIEF DESCRIPTION OF THE DRAWING

The accompanying color illustration shows as true as is reasonably possible to obtain in color photographs of this type, the typical characteristics of the buds, flowers, leaves, and stems, of 'Poulcs015'. Specifically illustrated in SHEET 1:

Fig 1.1; Open flower, stem showing cluster of open flowers, branching, and the attachment of leaves, buds, and peduncles;

Fig 1.2; Flower bud closed, flower bud as sepals unfold, and partially open.

Specifically illustrated in SHEET 2:

Fig 2.1; Sepals, receptacle, and peduncle;

Fig 2.2; Flower petals, detached;

Fig 2.3; Mature leaf, and juvenile leaf
exhibiting anthocyanin;

Fig 2.4; Juvenile stem and mature stem
exhibiting thorns.

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DETAILED DESCRIPTION OF THE VARIETY

The following is a description of 'Poulcs015', as
10 observed in its growth in a field nursery in Jackson
County, Oregon. Observed plants were 3 years of age and
were cultivated on *Rosa multiflora* understock. Color
references are made using the Royal Horticultural Society
(London, England) Colour Chart, 1995, except where common
15 terms of color are used.

For a comparison, several physical characteristics of
the rose variety 'Poulasor', a rose variety from the same
inventors described and illustrated in U.S. Plant Patent
Application No. 10/339,871 dated 10 January, 2003, are
20 compared to 'Poulcs015' in Chart 1.

CHART 1

	'Poulcs015'	'POULasor'
Petalage	60 petals	25 to 27 petals

Open flower: outer petal color, upper surface.	White Group 155C with light intonations of Red- Purple Group 73D at marginal zone	Red Group 55D
Bloom Diameter	65 mm	55 mm

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FLOWER AND FLOWER BUD

Blooming habit: Continuous.

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Flower bud:

Size: Upon opening, 25 mm in length from base of receptacle to end of bud. Flower bud diameter is 13 mm on average.

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Bud form: Pointed ovoid with very broad base.

Bud color: As sepals unfold, petals are Orange Group 27B with intonations of Red Group 50. At ¼ opening petals are Yellow-White Group 158C with Red Group 55B intonations.

20

Sepals:

Upper Surface:

25

Color: Green Group 138C with

intonations of Greyed-Red
Group 180A occurring at
apecies.

Lower Surface:

5 Color: Yellow-Green Group 144A.
 Anthocyanic pigments the
 color of Greyed-Red Group
 181B observed.

10 Texture: Smooth. Stipitate glands
 are scant.

Sepal Shape:

Sepal apex is cirrhose.
Base is flat at union with
receptacle.

15 Sepal Margin:

Margins have weak
foliaceous appendages on
three of the five sepals.
Strongly pubescent.

20 Size: 30 mm (l) x 12 mm (w).

Receptacle:

Surface Texture:

Smooth and glabrous.

Shape: Funnel shaped.

25 Size: 8 mm (h) x 7 mm (w).

Color: Yellow-Green Group 144A.
Anthocyanic pigments the
color of Greyed-Red Group
181A observed.

5 Peduncle:

Surface: Smooth.

Length: 40 to 45 mm.

Color: Yellow-Green Group 144B
Anthocyanic pigments the
10 color of Greyed-Red Group
181B observed.

Strength: Strong.

Borne: In clusters of 12 flower
buds per stem.

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Flower bloom:

Fragrance: Strong floral perfumed scent.

Duration: The blooms have a duration on
the plant of approximately 10 to
20 14 days. Petals fall cleanly
away from plant.

Size: Flower diameter is 65 mm when
open. Flower depth is 50mm on
25 average.

Form: General shape is a deep cup
 which retains a globular form.

Shape of flower when viewed from the side:

 Upon opening, upper part: Flat.
5 Upon opening, lower part: Convex.
 Open flower, upper part: Flat.
 Open flower, lower part: Concave.

Petalage: 60 petals under normal conditions with
10 an average of 25 petaloids.

Color:

Upon opening, petals:

Outermost petals:

 Outer side: White Group 155C with
15 intonations of Red-Purple
 Group 73B to 73C at the
 marginal zone.

 Inner Side: White Group 155C with very
 light intonations of Red-
20 Purple Group 73D at the
 marginal zone.

Innermost petals:

 Outer side: Red-Purple Group 73C to 73B
 with intonations of White
25 Group 155C at the basal

zone.

Inner Side: Yellow-White Group 158C
with intonations of Red
Group 55C at the marginal
zone.

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Upon opening, Basal Petal Spots:

No distinctive coloration
at the petal base observed.

After opening, petals:

10 Outermost petals:

Outer side: White Group 155C with Red-
Purple Group 73C at the
marginal zone.

15 Inner Side: White Group 155C with light
intonations of Red-Purple
Group 73D at the marginal
zone.

Innermost petals:

20 Outer side: Red-Purple Group 73B to 73C
with intonations of White
Group 155C at the basal
zone.

25 Inner Side: Yellow-White Group 158C
with intonations of Red
Group 55C at the marginal

zone.

After opening, Basal Petal Spots:

No distinctive coloration
at the petal base observed.

5 **General Tonicity:** On open flowers Red-Purple Group
73D to 73C with intonations of
White Group 155C. No change in
the general tonality at the end
of the 10th day.

10 **Petals:**

Petal Reflex: Somewhat reflexed.

Margin: Entire and with point in center
of margin. Weak undulations of
margin observed.

15 Shape: Apex is rounded, occasionally
with a point or cleft. Base
shape is acute.

Size: 50 mm (l) x 38 mm (w).

Texture: Smooth.

20 Thickness: Average.

Arrangement: Not Formal.

Petaloids:

Quantity: 20 to 30.

Color:

25 Upper Surface: Red-Purple Group 73D.

Lower Surface: Red-Purple Group 73C.

Size: 23 mm (l) x 10 mm (w).

Shape: Base is acute. Apex is round.

Reproductive Organs:

5 Pistils:

Length: 10 mm.

Quantity: 59 (actual count).

Pollen: None observed.

Anthers:

10 Size: 2 mm in length.

Color: Yellow-Orange Group 14A.

Quantity: 82 (actual count).

Filaments:

Color: Yellow Group 5B

15 Length: 7 mm.

Stigmas: Superior relative to the
length of filaments and the
height of the anthers.

Color: Yellow-White Group 158B.

20 Styles:

Color: Green-White Group 157C.

Other Intonations:

Red-Purple Group 67A to

Greyed-Purple Group 184D.

25 Hips: None Observed in the field nursery in

Jackson County Oregon.

PLANT

- 5 **Plant growth:** Moderate, upright to bushy. When
grown as a budded field grown plant on
Rosa multiflora understock, the
average height of the plant is 90 cm
and the average width is 75 cm.
- 10 **Stems:**
 Color:
 Young wood: Yellow-Green Group 144B.
 Older wood: Yellow-Green Group 144B.
 Anthocyanin: New shoots and leaves,
15 Greyed-Red Group 178B.
 Surface Texture:
 Young wood: Smooth.
 Older wood: Smooth.
- Thorns:**
20 Incidence: 6 thorns per 10 cm of stem.
 Size: Average length: 9 mm.
 Color: Yellow-Green Group 146C.
 Shape: Deeply concave.
- Plant foliage:** Normal number of leaflets on
25 normal leaves in middle of the

Length: 40 mm.
 Above:
 Color: Yellow-Green Group 144B.
 Underneath: Stipitate glands observed.

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Rachis:

Length: 50 mm.
 Above:
 Color: Yellow-Green Group 144B.
 Underneath:

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Observations: Stipitate glands
observed.

Leaflet:

Size: 65 to 75 mm (l) x 45 to 57
 mm (w).

15

Edge: Serrated.
 Shape: Generally ovate. Base is
 rounded. Apex is
 mucronate.

20

Thickness: Thick.
 Texture: Smooth.
 Arrangement: Odd pinnate.
 Venation: Reticulate.
 Glossiness: Moderately glossy.

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Disease resistance:

Above average resistance to mildew, rust, black spot, and Botrytis under normal growing conditions in Jackson County, Oregon.

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Cold Hardiness:

The variety 'Poulcs015' has been found to be cold tolerant to USDA Cold Hardiness Zone 6.

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